

Timeline



What is 600 Day Weight?

- The liveweight of an animal at approximately 600 days after birth.
- A measure of animal's growth from birth to 600 days.
- Measured in kilograms (kg) to the nearest kg.

Why Record 600 Day Weight?

- Live weight is an important economic factor.
- Recording 600 Day Weight enables BREEDPLAN to calculate 600 Day Weight EBVs.
- Weight EBVs (Birth Weight, 200 Day Growth, 400 Day Weight, 600 Day Weight and Mature Cow Weight) are genetically correlated.

When to Record 600 Day Weight?

- Can be measured within the age range of 501 to 900 days after birth to accommodate management practices:
 - A weighing date should be chosen such that the average group age is approximately 600 days after birth.
 - Weigh ALL animals on the same day.
 - BREEDPLAN will correct for the number of days prior to or post 600 days within this age range.
 - Do not submit weights for heifers that are more than 3 to 4 months pregnant at weighing, unless they are at a similar stage of pregnancy and have been pregnancy tested. This is most relevant when submitting 600 Day Weights for heifers that are calving down at 2 years of age.

How Many 600 Day Weight Measurements does BREEDPLAN Use?

- BREEDPLAN analyses up to two 600 Day Weight measurements to calculate the 600 Day Weight EBV.
- It is not required to record two 600 Day Weight measurements, however this will increase the accuracy of the 600 Day Weight EBV.
- If two 600 Day Weight measurements are recorded, BREEDPLAN recommends a minimum of 30 days between each measurement and that all animals in the group are weighed both times.

600 Day Weight EBV

- Estimate of the genetic differences between animals in liveweight at 600 days of age due to their genetic potential for growth.
- A prediction of the animal's genetic potential for growth to 600 days.
- Reported in kilograms (kg).
- The larger the group of animals weighed together for 600 Day Weight, the more accurate the 600 Day Weight EBV.
- Important for breeders targeting the production of animals suited for heavy weight grass or grain fed markets.

Interpreting 600 Day Weight EBVs

- Larger, more positive 600 Day Weight EBVs are generally more favourable, for example:
 - A bull with a 600 Day Weight EBV of +70 kg would be expected to produce heavier calves at 600 days of age compared to a bull with a 600 Day Weight EBV of +40 kg.

More Information

Scan the QR code alongside or click [here](#) for the BREEDPLAN Help Centre.



Recommended further reading (search in the BREEDPLAN Help Centre):

- Recording Information for Weight Traits (200, 400 & 600) (with video)
- How many 200, 400 & 600 Day Weights Does BREEDPLAN Use?
- Understanding Weight EBVs (200, 400 & 600 Day Weight)
- How do I use the Suggested Weigh Dates?
- Recording Performance Data from Pregnant Heifers (with video)